



ETH Library's visual and map-based access to selected digital information resources

Visual Approaches to Cultural Heritage - Zürich, March 14, 2018

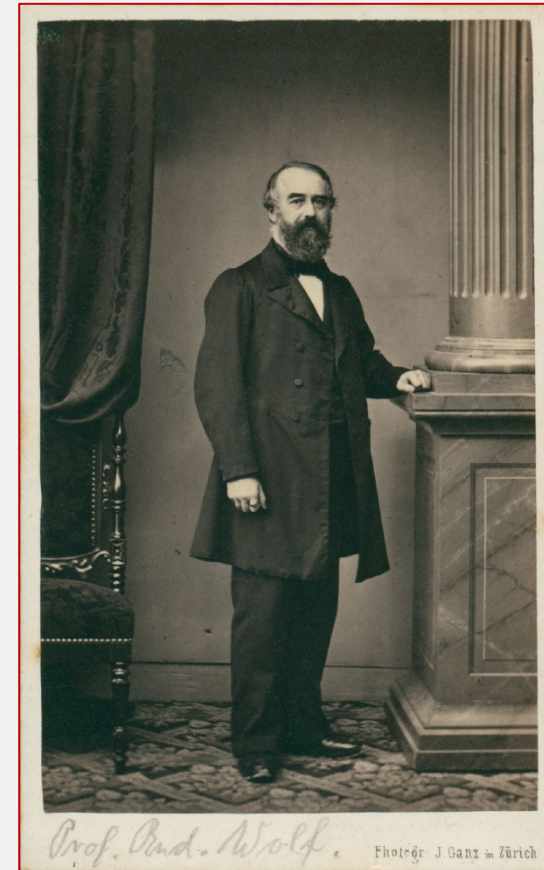
Agenda



ETH-Library: a short history
The platform e-rara.ch
E-Pics: an images platform
Map-based access to cartographical materials
ETHorama or ETH-Library on the map
Blogs, videos and storytelling

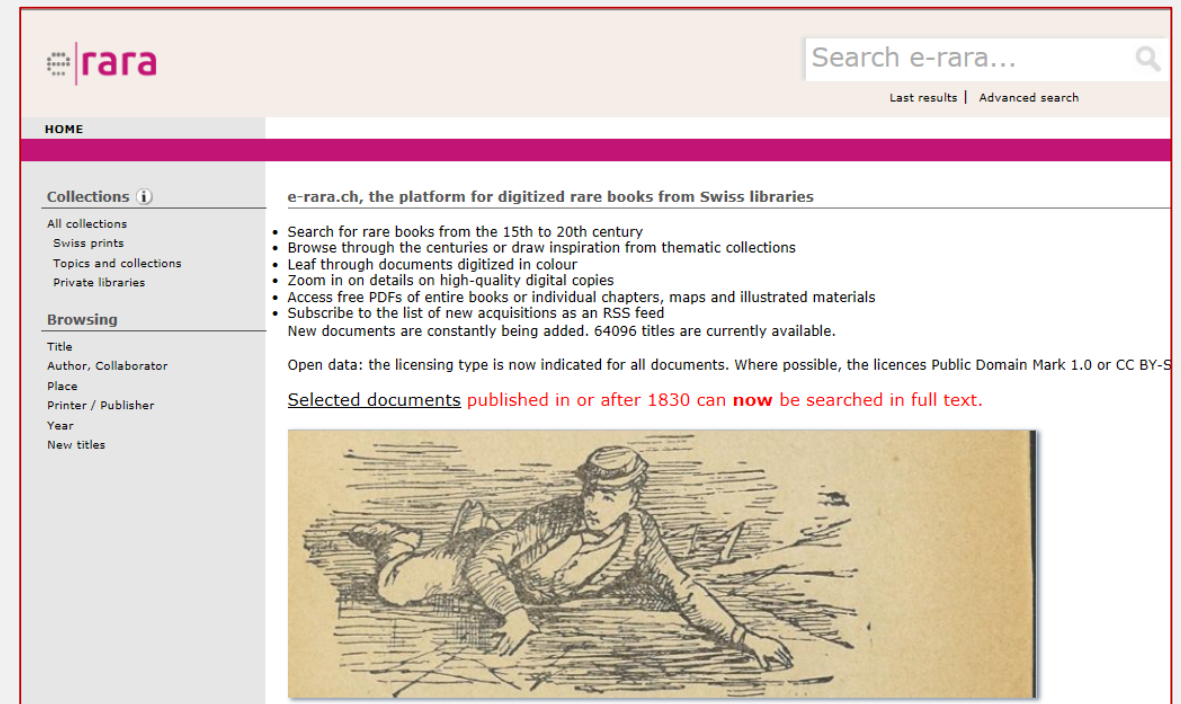
ETH-Library: a short history

- Founded in 1855
- Rudolf Wolf: First Director of ETH Library
- Main library of ETH Zurich
- Biggest scientific library in Switzerland
- Collections: astronomy, mathematics, natural sciences a.o.
- Rare books and scientific journals:
75.000 volumes (15.-19. century)
- About 400.000 maps
(18.-21. century)



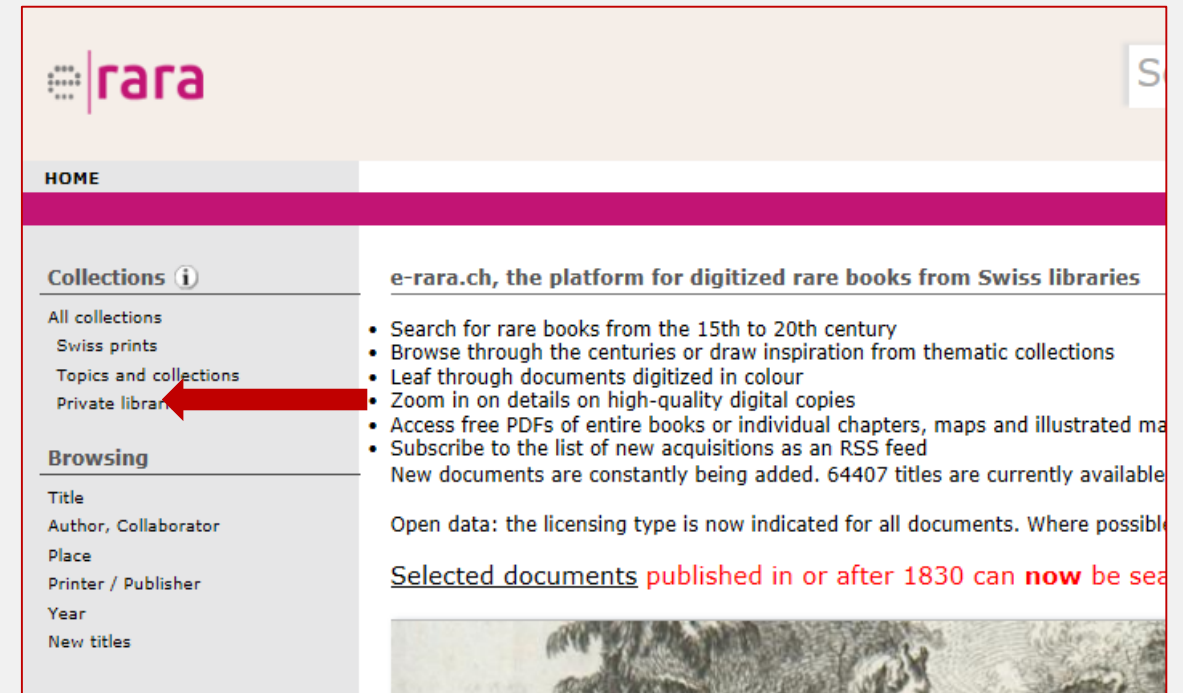
The platform e-rara.ch (I)

- The portal for digitized printed works from Swiss libraries
- Started in 2007 as a co-operation project between 5 Swiss libraries
- Online since 2010
- 65.000 titles are currently available (more than 15.000 titles from ETH-Library)

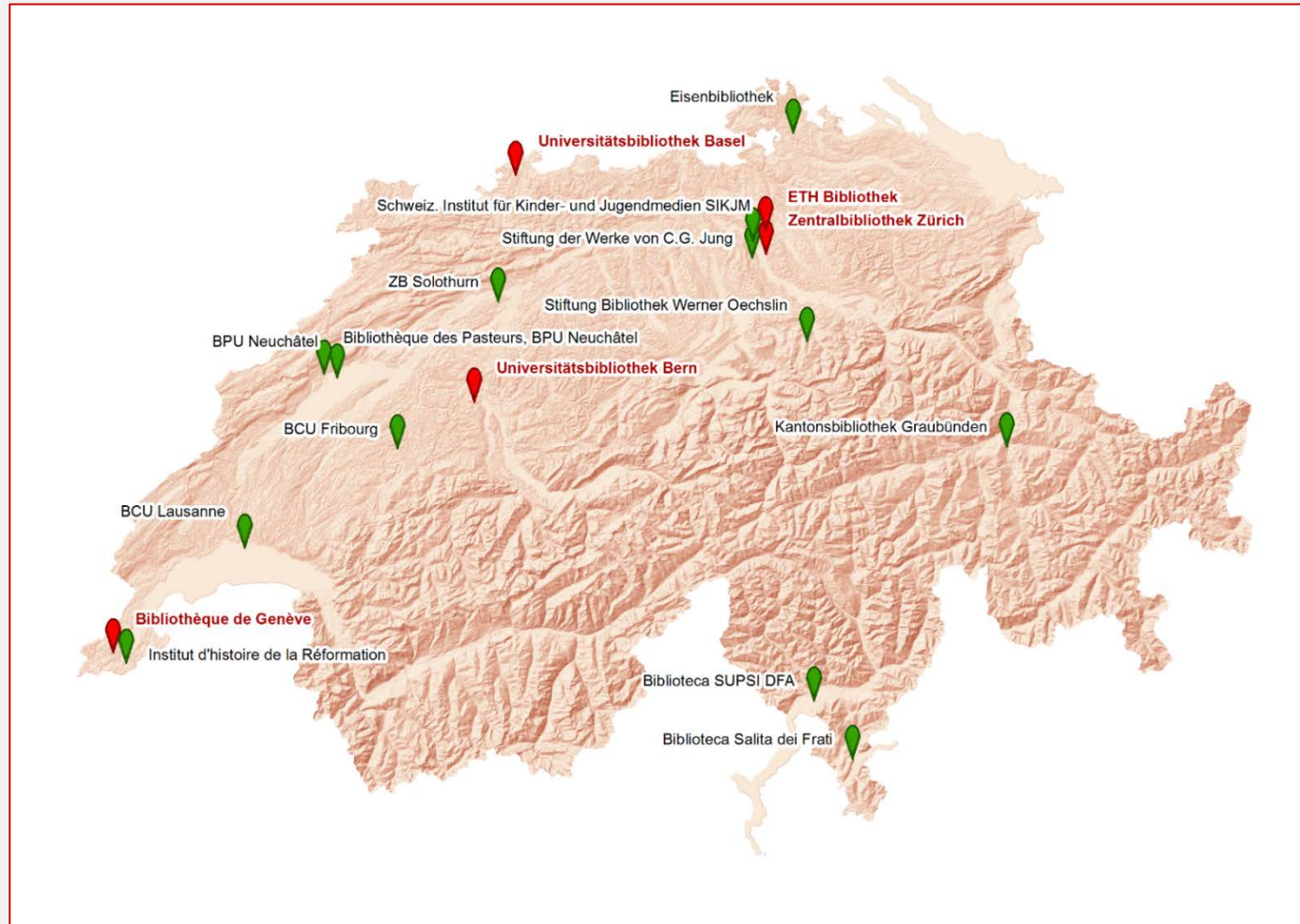


The platform e-rara.ch (II): private libraries

- Private libraries collections
- Virtual reconstructions of private libraries
- Online since 2017



The platform e-rara.ch (III): a Swiss story



The platform e-rara.ch (IV): International co-operations

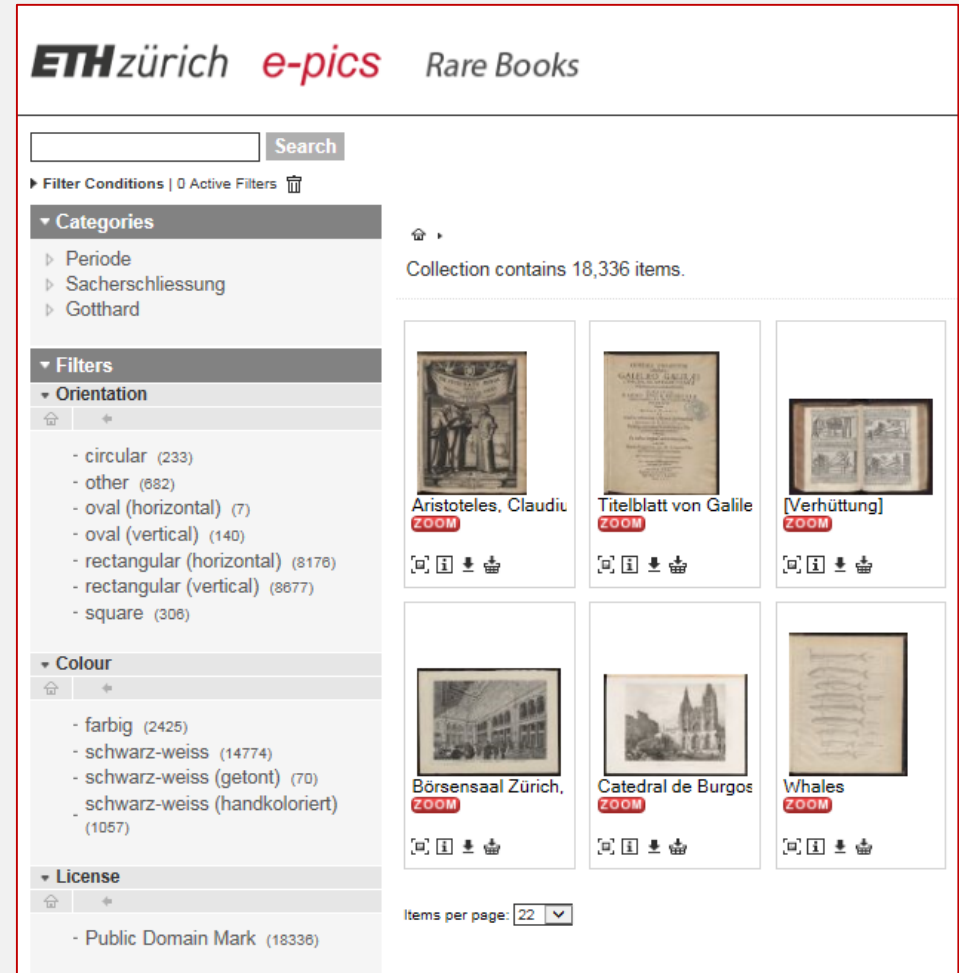
- ASTRONOMIE-rara: a co-operation between Deutsches Museum (Munich) and ETH Library
- Gallica
- The NASA Astrophysics Data System

The image displays three screenshots illustrating international co-operations for the e-rara.ch platform:

- ASTRONOMIE-rara:** A screenshot of the ASTRONOMIE-rara website, showing a list of astronomical works available in digital format. The header includes the text "ASTRONOMIE-rara" and "Bibliotheken". The main content area lists works such as "Almagestum novum Astronomiam Veterem Novamque Complectens" by Riccioli, Giovanni Battista, and "Almagestum novum Astronomiam Veterem Novamque Complectens" by Riccioli, Giovanni Battista.
- Gallica:** A screenshot of the Gallica website, showing search results for "e-rara". The interface includes a search bar, filters, and a list of results. One result is highlighted: "Opera omnia / Robert Boyle" with a link to the full text.
- NASA ADS:** A screenshot of the NASA Astrophysics Data System (ADS) website, showing a search result for "Siderius nuncius magna, longae admirabilia spectacula pandens lunae facie, fixis innumeris, lacteo circulo, stellis stellarum disparibus intervallis, atque periodicis, celeritate mirabili circumvolutis ... atque Medicea sidera nuncupandos". The result includes the title, authors (Galileo, Galileo), publication date (1610), and a link to the full text.

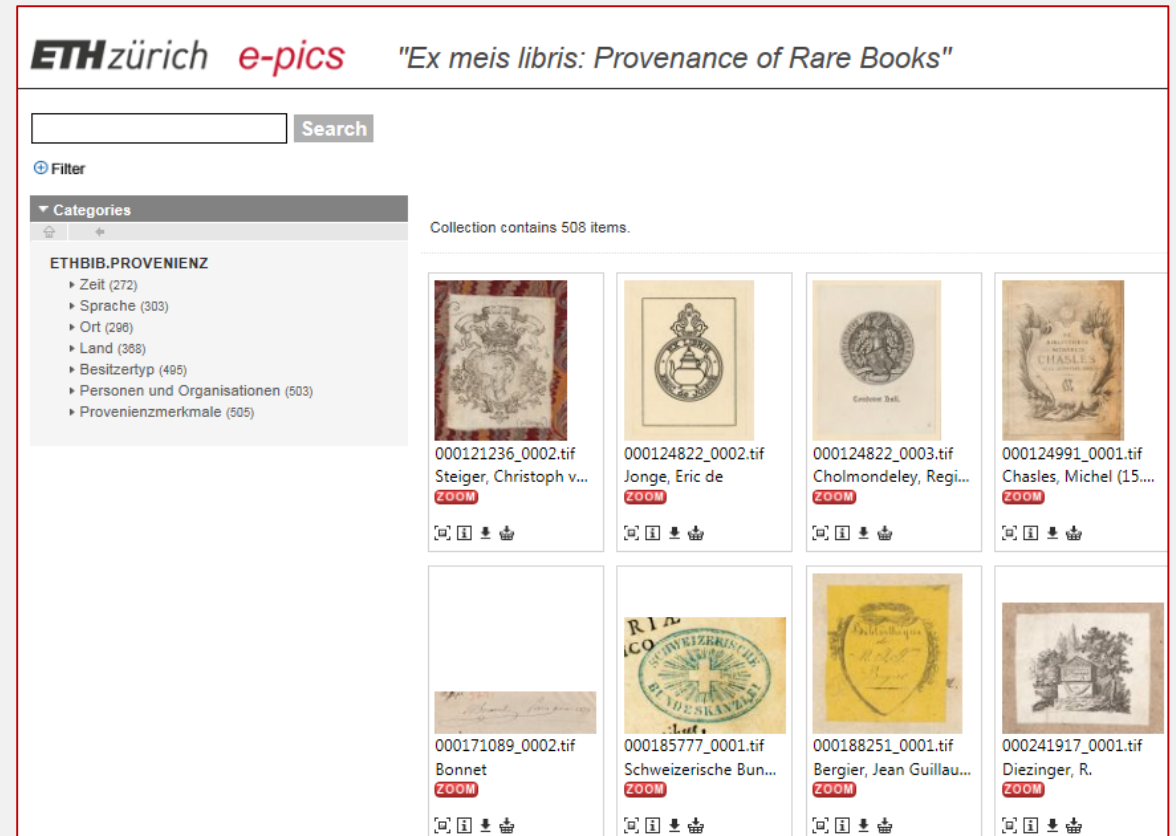
E-Pics: an images platform (I) - Rare Books

- E-Pics Rare Books is a database for illustrations
- Online since 2009
- For cataloguing the tool “Cumulus” is used
- More than 18.000 items are currently available
- Free use for scientific, private, non-commercial and commercial purposes
- The catalogue offers direct download (TIFF, JPEG or PDF)



E-Pics: an images platform (II) - the Provenance database

- Currently are more than 500 items available
- This database is also an E-Pics catalogue
- Online since March 2018
- Images can be used freely for scientific, private, non-commercial and commercial purposes
- The catalogue offers direct download (TIFF, JPEG or PDF)



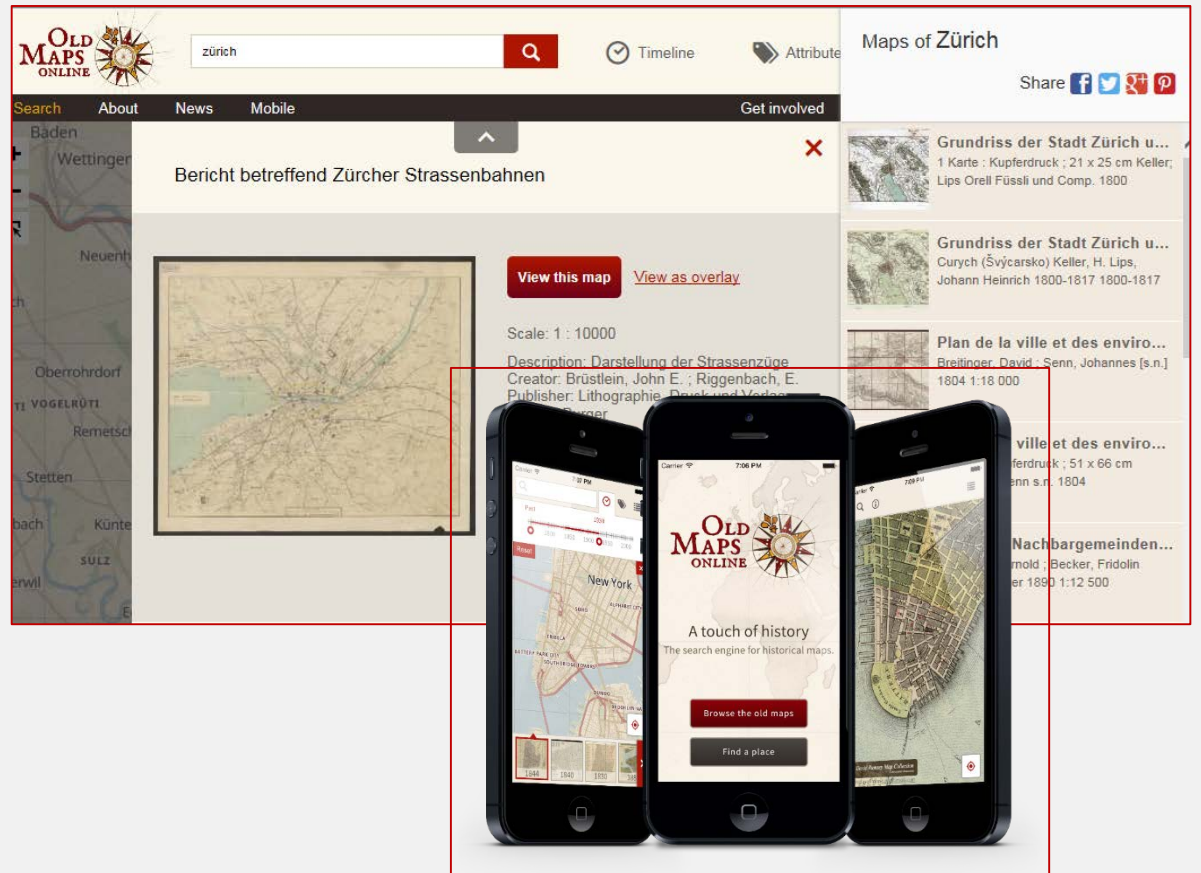
Map-based access to cartographical materials (I): Kartenportal.ch

- A specialized portal for the metadata of maps, hold by Swiss libraries and archives
- Originally operated by e-lib.ch
- The portal is now a co-operative project between 8 Swiss institutions
- The metadata is provided via the Swissbib metacatalogue

The screenshot displays the Kartenportal.CH website interface. On the left, a map of Sudan is shown with labels for 'Interlaken', 'Dänemark', 'Sahara', 'Abu Zaid', 'Bardai', 'Tommi', 'Zouar', 'Faya-Largeau', 'Tschad', 'Bjama', and 'Am Timar'. The main content area features a search result for a 'Hydrogeological map of Sudan 1:2 000 000'. The metadata for this map includes the author 'W. J. M. K. Senden', the publisher 'National Corporation for Development of Rural Water Resources; TNO DGV Institute of Applied Gedoscience', the scale '1:2 000 000 (E 21°50'-E 38°45'/N 23°00'-N 03°30)', the year '1963-1973', and the series 'Africa 1:2 000 000'. Below the map, there are links to 'Katalog' (ETH Zürich) and 'Metakatalog' (Swissbib Metakatalog). On the right, a sidebar titled 'Karten für diese Region:' lists several other maps, including 'Africa 1:2 000 000 Bl. 15', 'Khartoum 1:2 000 000', 'Operational Navigation Chart 1:1 000 000 Bl...', 'Aethiopisches Hochland, Alpenland Habesc...', 'Südwestliches Arabien (Hidjaz und Jemen)', and 'Mare rubrum seu sinus Arabicus'.

Map-based access to cartographical materials (II): OldMapsOnline

- *OldMapsOnline* has been created by Klokant Technologies, a specialist in online map publishing and in applications of open-source software
- It aims to demonstrate a combination of tools for publishing historical maps with a focus on their easy accessibility for the general public.
- ETH Library participate in this platform since 2016
- The maps are also presented on the App *Old Maps mobile*



ETHorama or ETH Library on the map (I)

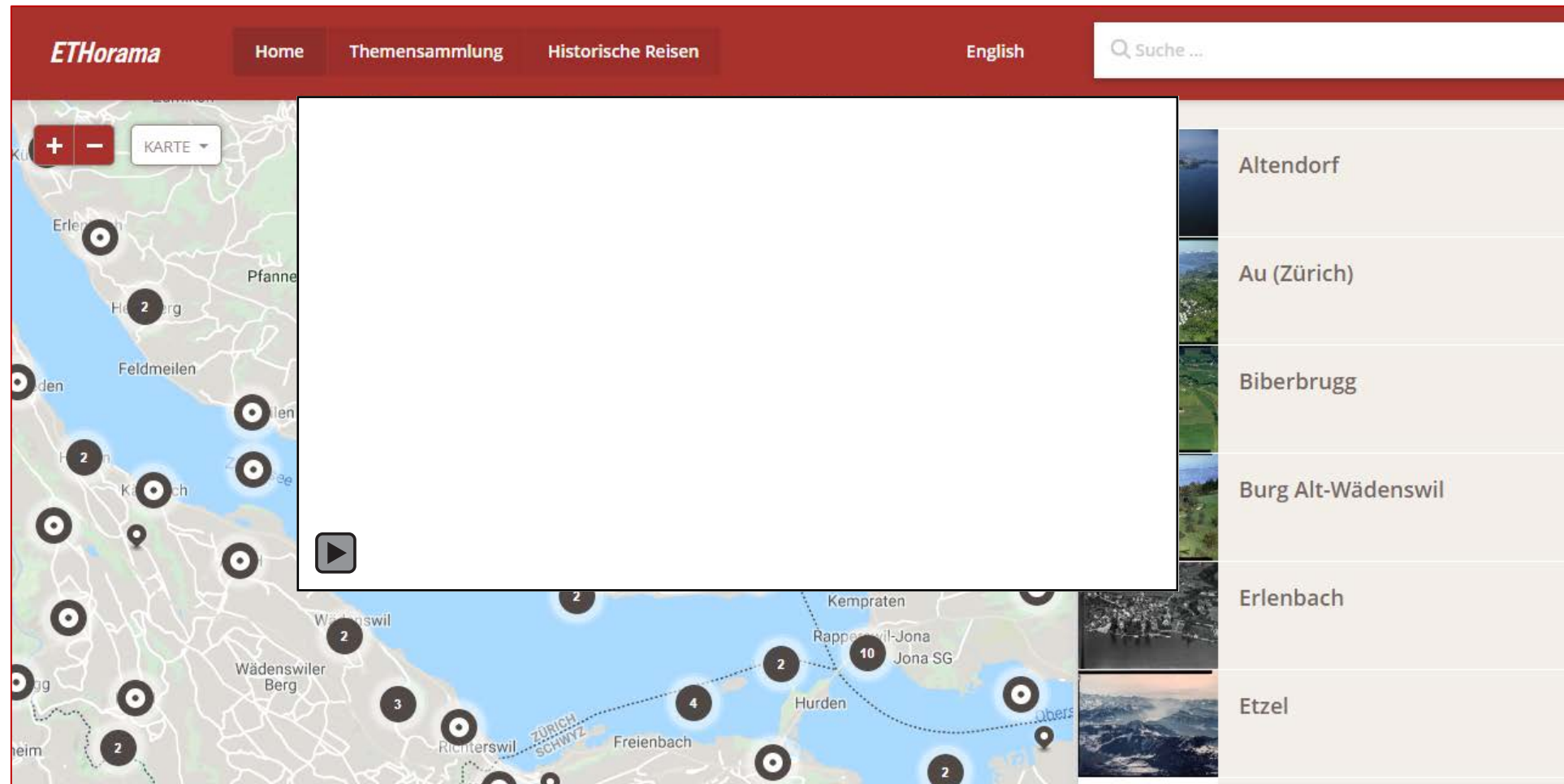
- Map-based access to selected digital information resources
- Location-based indexing of old prints, maps and journal articles up to individual page level
- A new way to present digital content about Switzerland
- About 4.000 POIs
- Online since 2014



ETHorama (II): Philosophical approach

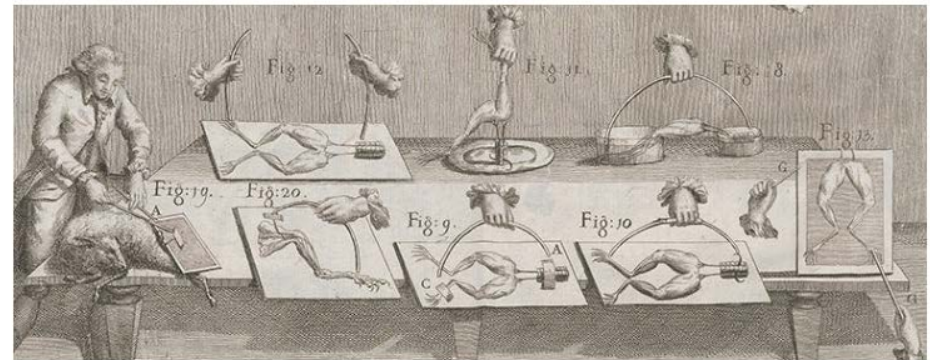
- Merging different electronic resources with a geographical relation
- Access to documents directly into their initial system
(there is no need for a duplicated data management)
- The selection of the content is a result of an intellectual process
(it is not only a link and document collection)
- ETHorama is a platform for everyone, not only for researchers

ETHorama (III): search on the map



Blogs: ETHHeritage

- Highlights from the Collections and Archives of ETH-Bibliothek and ETH Zurich
- Actually there are 500 Blogs online (177 from Rare Books and Maps)
- The blog gives a comprehensive overview of our holdings



The terror of frogs and the birth of the novel Frankenstein

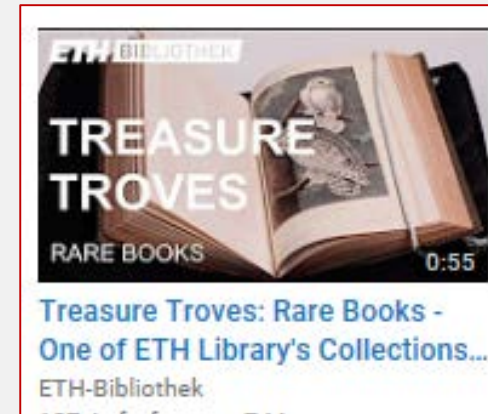
Friday February 16th, 2018 Fabian Till Schneider

Many thousands of frogs fell victim to Luigi Galvani's scientific curiosity, and all because the anatomist observed how the leg of a dissected frog began to twitch as if from nowhere. This occurrence took place in Bologna in 1780 and led to one of the most important discourses in scientific history – and to the birth of the novel *Frankenstein*. [Read more →](#)

*Holdings, RARE BOOKS, Natural Sciences, Physics [Leave a comment](#)

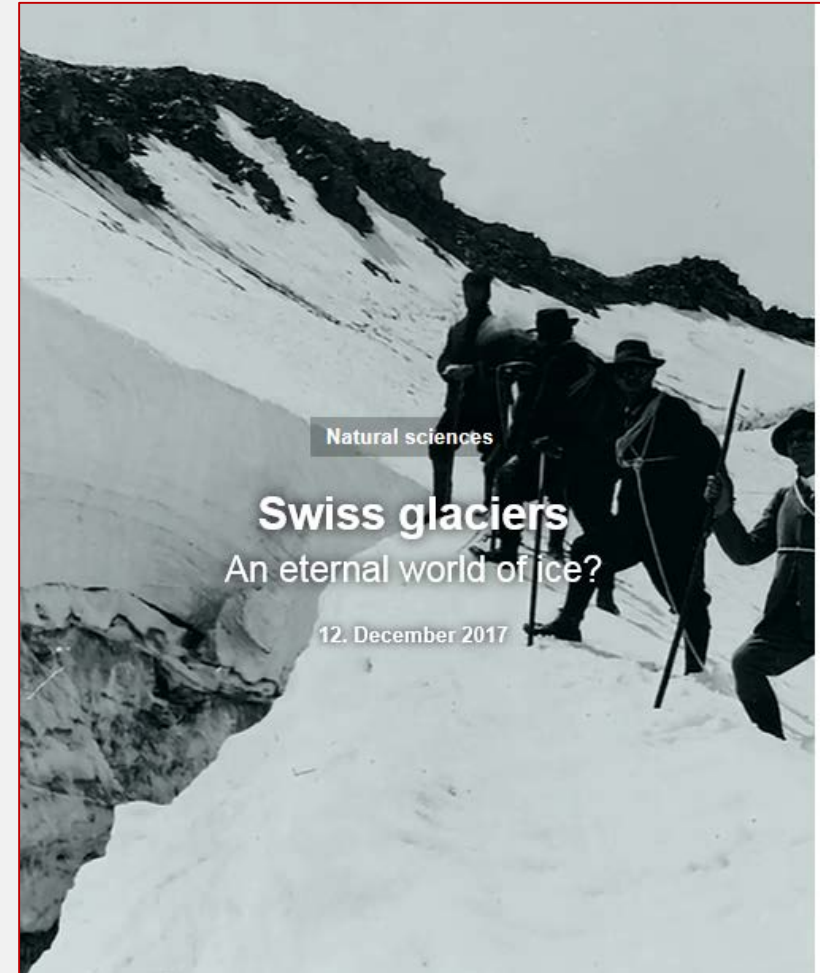
Videos: Treasure troves and more

- ETH Libraries you tube channel holds 55 videos
- The videos present our collection highlights ...
- ... we inform our users about our services ...
- ... we help them to use our platforms



Explora: the storytelling platform

- Presented are stories based on the holdings and services of ETH Library
- Content coming from different collections and archives is recombined and presented as a story
- Actually there are 6 stories online





Thank you for your attention!

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